2018 Structure Summary Report

Overall Unit and Item Ratings

Madera County FCWCA

Ash Slough Control Structure

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	Α
	Revetments	Α
	Encroachments	Α
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	Α
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	Α
	Concrete Foundations	Α
	Security Fencing	N
	Closure Structures	Α
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	М
	Operation & Maintenance Manual	Α

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2018 Structure Summary Report

Overall Unit and Item Ratings

Madera County FCWCA (cont.)

Berenda Slough Control Structure

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	Α
	Revetments	N
	Encroachments	Α
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	Α
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	Α
	Concrete Foundations	А
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	Α
	Monolith Joints	N
	Safety	Α
	Operation & Maintenance Manual	Α

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2018 Structure Summary Report

Overall Unit and Item Ratings

Madera County FCWCA (cont.)

Fresno River Diversion Weir Overall Unit Rating

nit Rating	Rated Item	Item Rating
\	Photo Documentation	N
	Vegetation & Obstructions	М
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	Α
	Revetments	Α
	Encroachments	Α
	Culverts: Inlets / Outlets	Α
	Culverts: Breaks / Holes / Cracks	Α
	Metal Pipes	Α
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	Α
	Electric Gate Operators	N
	Manual Gate Operators	Α
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	Α
	Concrete Foundations	Α
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	Α
	Safety	Α
	Operation & Maintenance Manual	Α

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Unit Cover Sheet

2018 Structure Inspection Results

Madera County FCWCA

Structure	
Ash Slough Control Structure	

Structure Rating	Α
Date of Inspection	6/13/2018
DWR Inspector	David Julian
Accompanied By	

Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	N	Issue No.		1
LM End	0.00	Issue Type +	Ma	Location *		WS
Structures & Concrete Lined			GPS La	atitud	e/Longitude	
Category	Channels			Start		End
Item	Photo Documentation			37.1585	98°	37.158598°
пеш				-120.1245	31 °	-120.124531 °
DWR ID DWR_NA0011_68_t _ 2017_1						
Action/Comments						

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	WS



View looking upstream at the whole structure. (2018)

Photo 2 of 5: ST_2018_NA0011_68_1_20180615_00016.jpg



Upstream right bank view of the wing wall and walk way. (2018)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	WS



Upstream left bank view of the wing wall and walk way. (2018)

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	N	Issue No.		1 (cont)	
LM End	0.00	Issue Type +	Ma	Location *	WS		
Structures & Concrete Lined			GPS La	atitud	e/Longitude		
Category	Channels			Start		End	
Item	Photo Do	cumentation		37.1585	98°	37.158598 °	
пеш				-120.1245	31 °	-120.124531 °	
DWR ID DWR_NA0011_68_t _ 2017_1							
Action/Comments							

Photo 4 of 5 : ST_2018_NA0011_68_1_20180615_00018.jpg
STATE OF STA
53
33
-3 - E
20 8

Downstream right bank view of the concrete wall, weir, hydraulic dissapator, and walk way. (2018)

LM Start 0.00 Rating ** N Issue No. 1 (cont) LM End 0.00 Issue Type + Ma Location * WS

Photo 5 of 5: ST_2018_NA0011_68_1_20180615_00019.jpg



Downstream left bank view of the concrete wall, weir, hydraulic dissapator, and walk way. (2018)

0.00	Rating **	Α	Issue No.	2	
0.00	Issue Type +	Ma	Location *	WS	
Structures & Concrete Lined			GPS Lati	tud	e/Longitude
Channels			Start End		End
Vegetatio	n & Obstruction	ns	37.158598	3°	37.158598
			-120.12453 ⁻	1°	-120.124531
DWR_NA0	011_68_t _ 201	7_2			
	0.00 Structures Channels Vegetation	0.00 Issue Type + Structures & Concrete I Channels Vegetation & Obstruction	0.00 Issue Type + Ma Structures & Concrete Lined	0.00 Issue Type + Ma Location * Structures & Concrete Lined Channels Vegetation & Obstructions 37.158598 -120.12453	0.00 Issue Type + Ma Location * Structures & Concrete Lined Channels Vegetation & Obstructions 37.158598 ° -120.124531 °

Action/Comments

Inspector Comments: Minimal amount of vegetation present on the right bank downstream from structure. The flow is not impeded.

Photo 1 of 1 : ST_2018_NA0011_68_2_20180615_00020.jpg



Vegetation directly downstream of the structure. (2018)

* Location LS : Land Side WS : Water Side

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated

C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	Α	Issue No.	3		
LM End	0.00	Issue Type +	Ма	Location *	WS		
Category		& Concrete I	GPS Latitude/Longitude				
Calegory	Channels			Start End		End	
Item	Shoaling /	Sedimentation	n	37.15859	B°	37.158598	0
пеш				-120.12453	1°	-120.124531	0
DWR ID	DWR_NA0	011_68_t _ 201	7_3				
		Action/	Comme	nts			

Inspector Comments: No sedimentation noted at time of inspection.

Issue No. LM Start 0.00 Rating ** Α 0.00 Issue Type + Ма Location * WS LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Erosion / Bank Caving 37.158598° 37.158598° Item -120.124531° -120.124531 ° DWR_NA0011_68_t _ 2017_4 DWR ID

Action/Comments

Inspector Comments: No Erosion or Bank Caving noted.

Issue No. Rating ** LM Start 0.00 5 0.00 Issue Type + Ма Location * WS LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Revetments 37.158598° 37.158598 ° Item -120.124531 ° -120.124531 °

DWR_NA0011_68_t _ 2017 5 DWR ID

Action/Comments

Inspector Comments: No rip rap visible during this inspection.

No Photos

No Photos

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	Α	Issue No.	6		
LM End	0.00	Issue Type +	Ma	Location *	WS		
Category	- 11 - 1 - 1 - 1	& Concrete I	GPS Latitude/Longitude				
Calegory	Channels			Start End		End	
Item	Encroach	ments		37.15859	8°	37.158598°	
пеш				-120.12453	1°	-120.124531 °	
DWR ID	DWR_NA0	011_68_t _ 201	7_6				
		Action/	Comme	nts			

Inspector Comments: There are no encroachments present at this structure.

No Photos

LM Start	0.00	Rating **	N	Issue No.		7		
LM End	0.00	Issue Type +	Ma	Location *	WS			
Category		s & Concrete I	_ined	GPS Lat	ituc	le/Longitude		
Calegory	Channels	ls S		Start		End		
Item	Culverts:	Inlets / Outlets	5	37.15859	8 °	37.158598	0	
item				-120.12453	1°	-120.124531	0	
DWR ID	DWR_NA0	011_68_t _ 201	7_7					

Action/Comments

Inspector Comments: No Culverts at this Structure.

No Photos

LM Start	0.00	Rating **	N	Issue No.	8		
LM End	0.00	Issue Type +	Ма	Location *	WS		
Category		& Concrete I	_ined	GPS La	tituc	le/Longitude	
Calegory	Channels			Start En		End	
Item		Breaks / Hole	s /	37.15859	98°	37.158598	0
пеш	Cracks			-120.12453	31 °	-120.124531	0
DWR ID	DWR_NA0	011_68_t _ 201	7_8				
		Action/	Comme	nts			

Inspector Comments: No Culvert at this structure.

No Photos

* Location LS: Land Side WS: Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

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Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	N	Issue No.	9		
LM End	0.00	Issue Type +	Ма	Location *	WS		
Category		s & Concrete I	GPS Latitude/Longitude				
Calegory	Channels			Start End		End	
Item	Metal Pipe	es		37.15859	8°	37.158598°	
Item				-120.12453	1°	-120.124531 °	
DWR ID	DWR_NA0	011_68_t _ 201	7_9				
		Action/	Commer	nts			

Inspector Comments: No metal pipes at this structure.

No Photos

Issue No. LM Start 0.00 Rating ** Ν 10 Issue Type + Ма Location * WS 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Trash Racks 37.158598° 37.158598° Item -120.124531° -120.124531° DWR ID DWR_NA0011_68_t _ 2017_10

Action/Comments

Inspector Comments: There is no trash rack at this structure.

No Photos

Rating ** Issue No. LM Start 0.00 11 0.00 Issue Type + Ма Location * WS LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Flap Gates 37.158598° 37.158598 ° Item -120.124531 ° -120.124531 ° DWR ID DWR_NA0011_68_t _ 2017_11 Action/Comments

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	Α	Issue No.	12		
LM End	0.00	Issue Type + Ma		Location *	WS		
Structures & Concrete Lined			GPS Lati	tud	e/Longitude		
Category	Channels	inels		Start		End	
Item	Sluice/Slic	de Gates		37.158598	3°	37.158598	0
пеш				-120.12453 ⁻	°	-120.124531	0
DWR ID	DWR_NA0	011_68_t _ 201	7_12				

Action/Comments

Inspector Comments: Stop logs in place during inspection and appeared to be in good shape.

No Photos

Issue No. LM Start 0.00 Rating ** Ν 13 Issue Type + Location * WS 0.00 Ma LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Electric Gate Operators 37.158598° 37.158598° Item -120.124531° -120.124531° DWR ID DWR_NA0011_68_t _ 2017_13

Action/Comments

Inspector Comments: No electric gate operators exist on this structure. The gates are opened and closed manually by the placement of wooden boards placed in guides along the face of the structure.

No Photos

Rating ** Issue No. LM Start 0.00 14 0.00 Issue Type + Location * WS I M End Ma Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Manual Gate Operators 37.158598° 37.158598 ° Item -120.124531 ° -120.124531 ° DWR ID DWR_NA0011_68_t _ 2018_14 Action/Comments

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	Α	Issue No.	15		
LM End	0.00	Issue Type +	Ма	Location *	WS		
Category	Structures & Concrete Lined Channels			GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Concrete	Surfaces		37.1585	98°	37.158598°	
пеш				-120.1245	31 °	-120.124531 °	
DWR ID	DWR_NA0	011_68_t _ 201	7_15				
		Action/	Comme	nts			

No Photos

Rating ** Issue No. LM Start 0.00 Α 16 Issue Type + 0.00 Ма Location * WS LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Concrete Tilting / Settlement 37.158598° 37.158598° Item -120.124531 ° -120.124531° DWR ID DWR_NA0011_68_t _ 2017_16 Action/Comments

No Photos

Inspector Comments: No tilting or settlement issues at this location.

LM Start	0.00	Rating **	Α	Issue No.	17		
LM End	0.00	Issue Type +	Ma	Location *		WS	
Category		s & Concrete I	_ined	GPS La	atitud	e/Longitude	
Calegory	Channels		Start		End		
ltom	Concrete Foundations			37.1585	98°	37.158598°	
Item				-120.1245	31°	-120.124531 °	
DWR ID	DWR_NA0011_68_t _ 2017_17						
Action/Comments							

No Photos

* Location LS: Land Side WS: Water Side CR : Crown

Rating

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	N	Issue No.		18
LM End	0.00	Issue Type +	Ma	Location *	WS	
Category	Structures & Concrete Lined Channels			GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Security F	encing		37.1585	98°	37.158598 °
item				-120.1245	31 °	-120.124531 °
DWR ID	DWR_NA0	011_68_t _ 201	7_18			
		Action/	Comme	nts		

No Photos

	LM Start	0.00	Rating **	Α	Issue No.		19	
	LM End	0.00	Issue Type +	Ma	Location *	WS		
	Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude			
	Calegory				Start		End	
	Item	Closure Structures			37.1585	98 °	37.158598	0
					-120.1245	31 °	-120.124531	0
DWR ID DWR_NA0011_68_t _ 2017_19								
	Action/Comments							

No Photos

LM Start	0.00	Rating **	N	Issue No.	20		
LM End	0.00	Issue Type +	Ма	Location *	WS		
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels	Start		End			
Item	Trash Rakes			37.15859	98°	37.158598	0
пеш		-120.1245	31 °	-120.124531	0		
DWR ID	DWR_NA0011_68_t _ 2017_20						
	Action/Comments						

No Photos

* Location LS: Land Side WS: Water Side CR : Crown

* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	N	Issue No.	21		
LM End	0.00	Issue Type +	Ма	Location *	WS		
Category	Structures & Concrete Lined Channels			GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Other Metallic Items			37.1585	98°	37.158598 °	
				-120.1245	31 °	-120.124531 °	
DWR ID	DWR_NA0	011_68_t _ 201	7_21				
		Action/	Comme	nts			

No Photos

LM Start	0.00	Rating **	N	Issue No.		22		
LM End	0.00	Issue Type +	Ma	Location *		WS		
Catagory	Structures & Concrete Lined Channels			GPS Latitude/Longitude				
Category				Start End				
Itom	Monolith Joints		37.1585	98 °	37.158598	0		
Item				-120.1245	31 °	-120.124531	0	
DWR ID	DWR_NA0	011_68_t _ 201	7_22					
		Action/	Comme	nts				

No Photos

LM Start	0.00	Rating **	М	Issue No.		23
LM End	0.00	Issue Type +	Ma	Location *	WS	
Catagony		s & Concrete I	_ined	GPS La	titud	le/Longitude
Category	Channels			Start		End
Item	Safety			37.15859	98°	37.158598 °
item				-120.1245	31 °	-120.124531 °
DWR ID	DWR_NA0011_68_t _ 2017_23					

Action/Comments

Inspector Comments: Damaged boards have been replaced. Cable holding hand railing at left end of walkway is missing.

Photo 1 of 2: ST_2018_NA0011_68_23_20180615_00023.jpg



View of replaced boards on walk way. (2018)

* Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	М	Issue No.	23 (cont)		
LM End	0.00	Issue Type +	Ма	Location *	WS		
Catagony	Category Structures & Concrete Lined Channels			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Safety			37.1585	98 °	37.158598	0
item				-120.1245	31 °	-120.124531	0
DWR ID	DWR_NA0011_68_t _ 2017_23						
Action/Comments							

Inspector Comments: Damaged boards have been replaced. Cable holding hand railing at left end of walkway is missing.



View of missing walkway cable. (2018)

LM Start	0.00	Rating **	Α	Issue No.	24		
LM End	0.00	Issue Type +	Ma	Location *	WS		
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Operation & Maintenance		се	37.1585	98°	37.158598°	
пеш	Manual			-120.1245	31 °	-120.124531 °	
DWR ID DWR_NA0011_68_t _ 2017_24							
Action/Comments							

No Photos

Unit Cover Sheet

2018 Structure Inspection Results

Madera County FCWCA

Structure	
Berenda Slough Control Structure	

Structure Rating	Α
Date of Inspection	6/13/2018
DWR Inspector	David Julian
Accompanied By	

Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Berenda Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	N	Issue No.		1
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined				GPS La	atitud	e/Longitude
Category	Channels			Start		End
Item	Photo Documentation			37.1580	13°	37.158013 °
item				-120.1241	74 °	-120.124174°
DWR ID	DWR_NA0	011_69_t _ 201	7_1			
		Action/	Comme	nts		

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
I M End	0.00	Issue Type +	Ma	Location *	

Photo 1 of 5 : ST_2018_NA0011_69_1_20180615_00005.jpg

Looking upstream at the whole structure. (2018)

Photo 2 of 5: ST_2018_NA0011_69_1_20180615_00006.jpg



Upstream right bank view of wing wall and walk way. (2018)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



Upstream left bank view of wing wall and walk way. (2018)

* Location LS : Land Side WS : Water Side CR : Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

NA0011

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Berenda Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	N	Issue No.		1 (cont)
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined				GPS La	atitud	e/Longitude
Channels				Start		End
Item	Photo Documentation			37.1580	13°	37.158013
item				-120.1241	74 °	-120.124174
DWR ID DWR_NA0011_69_t _ 2017_1						
		Action/	Comme	nts		

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



Downstream right bank view of concrete wall, walk way, and weir. (2018)

Photo 5 of 5: ST_2018_NA0011_69_1_20180615_00009.jpg

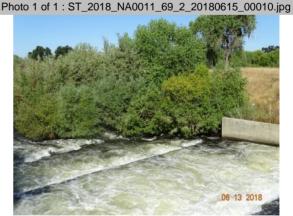


Downstream left bank view of concrete wall, walk way, and weir. (2018)

LM Start	0.00	Rating **	Α	Issue No.		2
LIVI Start	0.00		, ·			
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined			GPS La	titud	le/Longitude
Calegory	Channels		Start		End	
Item	Vegetation & Obstructions		37.1580°	13°	37.158013 °	
пеш				-120.12417	74 °	-120.124174°
DWR ID	DWR_NA0	011_69_t _ 201	7_2			

Action/Comments

Inspector Comments: Looking downstream from the structure there is a small scattered amount of vegetation present on the right bank that does not impede the flow. However, vegetation should be controled before it becomes a problem.



View of downstream right bank vegetation. (2018)

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Berenda Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	Α	Issue No.	3		
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels	Channels				End	
Item	Shoaling /	Sedimentation	on	37.1580	13°	37.158013 °	
пеш				-120.1241	74 °	-120.124174°	
DWR ID	DWR_NA0	011_69_t _ 201	7_3				
	Action/Comments						

Inspector Comments: No shoaling or Sedimentation visible at time of inspection.

No Photos

Rating ** Issue No. LM Start 0.00 Α 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Erosion / Bank Caving 37.158013° 37.158013° Item -120.124174° -120.124174 ° DWR_NA0011_69_t _ 2017_4 DWR ID

Action/Comments

Inspector Comments: No Erosion / Bank Caving.

No Photos

Issue No. Rating ** LM Start 0.00 5 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Revetments 37.158013° 37.158013° Item -120.124174° -120.124174 ° DWR_NA0011_69_t _ 2017_5 DWR ID Action/Comments

Inspector Comments: No Revetment noted at time of inspection.

No Photos

* Location LS : Land Side WS : Water Side CR : Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Berenda Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	Α	Issue No.		6	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Category	Channels		Start		End		
Item	Encroach	Encroachments		37.1580	13°	37.158013	0
пеш				-120.1241	74 °	-120.124174	0
DWR ID	DWR_NA0	011_69_t _ 201	7_6				
	Action/Comments						

Inspector Comments: No Encroachments at this location.

No Photos

Issue No. LM Start 0.00 Rating ** Ν Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Culverts: Inlets / Outlets 37.158013° 37.158013° Item -120.124174° -120.124174 ° DWR ID DWR_NA0011_69_t _ 2017_7

Action/Comments

Inspector Comments: No Culverts at this Structure.

No Photos

Issue No. Rating ** LM Start 0.00 0.00 Issue Type + Location * LM End Ma Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Culverts: Breaks / Holes / 37.158013° 37.158013° Item Cracks -120.124174° -120.124174° DWR_NA0011_69_t _ 2017_8 DWR ID Action/Comments

Inspector Comments: There are no culverts at this structure.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Berenda Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	N	Issue No.		9	
LM End	0.00	Issue Type +	Ма	Location *			
Cotogoni	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels	Channels		Start		End	
Item	Metal Pipe	es		37.15801	3°	37.158013 °	
пеш				-120.12417	'4 °	-120.124174°	
DWR ID	DWR_NA0	011_69_t _ 201	7_9				
			_				

Action/Comments

Inspector Comments: No metal pipes at this Structure.

No Photos

Rating ** Issue No. LM Start 0.00 Ν 10 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Trash Racks 37.158013° 37.158013° Item -120.124174° -120.124174 ° DWR NA0011 69 t 2017 10 DWR ID

Action/Comments

Inspector Comments: No trash rack.

No Photos

Issue No. Rating ** LM Start 0.00 11 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Flap Gates 37.158013° 37.158013° Item -120.124174° -120.124174° DWR_NA0011_69_t _ 2017_11 DWR ID Action/Comments

Inspector Comments: No flap gates at this structure.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Berenda Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	Α	Issue No.		12	
LM End	0.00	Issue Type +	Ма	Location *			
Cotogoni	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels	Channels		Start		End	
Item	Sluice/Sli	de Gates		37.15801	3°	37.158013	0
пеш				-120.12417	'4 °	-120.124174	0
DWR ID	DWR_NA0	011_69_t _ 201	7_12				
			_				

Action/Comments

Inspector Comments: Stop logs in place during inspection and in good repair.

No Photos

No Photos

Rating ** Issue No. LM Start 0.00 Ν 13 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Electric Gate Operators 37.158013° 37.158013° Item -120.124174° -120.124174 ° DWR ID DWR_NA0011_69_t _ 2017_13

Action/Comments

Inspector Comments: No electric gate operators exist on this structure.

LM Start	0.00	Rating **	N	Issue No.	14		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS Latitude/Longitude			
Category	Channels			Start		End	
ltom	Manual Gate Operators		37.1580	13°	37.158013 °		
пеш				-120.124174°		-120.124174°	
DWR ID DWR_NA0011_69_t _ 2017_14						·	
Action/Comments							

Inspector Comments: There are no manual gate Operators at this location.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Berenda Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	Α	Issue No.	15		
LM End	0.00	Issue Type +	Ма	Location *			
Cotogoni	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels	Channels		Start		End	
Item	Concrete	Surfaces		37.15801	3°	37.158013 °	
iteiii				-120.12417	'4 °	-120.124174°	
DWR ID	DWR_NA0	011_69_t _ 201	7_15				
			_				

Action/Comments

Inspector Comments: Concrete Surface is in good shape, no cracks.

No Photos

Issue No. LM Start 0.00 Rating ** Α 16 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Concrete Tilting / Settlement 37.158013° 37.158013° Item -120.124174° -120.124174 ° DWR ID DWR NA0011 69 t 2017 16

Action/Comments

No Photos

Issue No. Rating ** LM Start 0.00 17 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Concrete Foundations 37.158013° 37.158013° Item -120.124174° -120.124174° DWR_NA0011_69_t _ 2017_17 DWR ID Action/Comments

Inspector Comments: No scouring/ erosion or undermining near the structure.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Berenda Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	N	Issue No.		18
LM End	0.00	Issue Type +	Ма	Location *		
Structures & Concrete Lined			GPS La	atitud	e/Longitude	
Category	Channels			Start		End
Item	Security F	Security Fencing			13°	37.158013 °
item	item			-120.124174 °		-120.124174 °
DWR ID DWR_NA0011_69_t _ 2017_18						
		Action/	Comme	nts		

No Photos

LM Start	0.00	Rating **	N	Issue No.	19		
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels			Start		End	
Item	Closure Structures			37.158013°		37.158013 °	
пеш				-120.1241	74 °	-120.124174 °	
DWR ID	DWR_NA0	011_69_t _ 201	7_19				
		Action/	'Comme	nts			

No Photos

LM Start	0.00	Rating **	N	Issue No.	20		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Trash Rakes			37.158013°		37.158013°	
пеш				-120.1241	74°	-120.124174°	
DWR ID	DWR_NA0011_69_t _ 2017_20						
Action/Comments							

No Photos

* Location LS: Land Side WS: Water Side CR : Crown

Inspector Comments: No trash Rakes at this structure.

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Berenda Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	Α	Issue No.		21	
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels		Start		End		
Item	Other Metallic Items		37.1580°	13°	37.158013 °		
пеш				-120.12417	74 °	-120.124174°	
DWR ID	DWR_NA0	011_69_t _ 201	7_21				
			_				

Action/Comments

Inspector Comments: All metal parts are protected from corrosion damage, and show no rust or deterioration that would cause a safety concern.

No Photos

Rating ** Issue No. LM Start 0.00 Ν 22 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Monolith Joints 37.158013° 37.158013° Item -120.124174° -120.124174° DWR ID DWR_NA0011_69_t _ 2017_22

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		23	
LM End	0.00	Issue Type +	Ma	Location *			
Catagony	Structures & Concrete Lined			GPS Latitude/Longitude			
Category Channels			Start		End		
Item	Safety		37.1580°	13°	37.158013 °		
пеш				-120.12417	74 °	-120.124174°	
DWR ID	DWR_NA0	011_69_t _ 201	7_23				

Action/Comments

Inspector Comments: Pedestrian hand railing with missing cable has been repaired..

Photo 1 of 2: ST_2018_NA0011_69_23_20180615_00011.jpg



View of repaired railing and cable on walkway. (2018)

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type Ma : Mainte

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

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Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Berenda Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	Α	Issue No.	23 (cont)		
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels	Channels				End	
Item	Safety		37.1580	13 °	37.158013 °		
item				-120.1241	74 °	-120.124174°	
DWR ID	R ID DWR_NA0011_69_t _ 2017_23						
Action/Comments							

Inspector Comments: Pedestrian hand railing with missing cable has been repaired..



Looking at the pedestrian walkway with safety hand railing, and wooden walkway. The end piece has come apart on the upstream side of structure viewed in this photo.

LM Start	0.00	Rating **	Α	Issue No.	24	
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels	Channels				End
Item	Operation & Maintenance		37.15801	3°	37.158013 °	
пеш	Manual			-120.12417	74 °	-120.124174°
DWR ID	WR ID DWR_NA0011_69_t _ 2017_24					
	Action/Comments					

No Photos

Unit Cover Sheet

2018 Structure Inspection Results

Madera County FCWCA

Structure	
Fresno River Diversion Weir	

Structure Rating	Α
Date of Inspection	6/12/2018
DWR Inspector	David Julian
Accompanied By	

Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		06/12/2018 06/12/2018	David Julian

0.00	Rating **	N	Issue No.		1
0.00	Issue Type +	Ма	Location *		
	& Concrete I	_ined	GPS La	atitud	e/Longitude
Channels			Start		End
Photo Doo	cumentation		36.9682	21 °	36.968221
Item			-120.255523 °		-120.255523 °
DWR_NA0	011_6_t _ 2016	_1			
	Action/	Comme	nts		
	0.00 Structures Channels Photo Doo	0.00 Issue Type + Structures & Concrete I Channels Photo Documentation DWR_NA0011_6_t _ 2016	0.00 Issue Type + Ma Structures & Concrete Lined Channels Photo Documentation DWR_NA0011_6_t2016_1	0.00 Issue Type + Ma Location * Structures & Concrete Lined Channels Start Photo Documentation 36.9682 -120.2555	0.00 Issue Type + Ma Location * Structures & Concrete Lined Channels GPS Latitud Start 36.968221 ° -120.255523 ° DWR_NA0011_6_t _ 2016_1

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 1 of 5 : ST_2018_NA0011_6_1_20180615_00008.jpg

Looking upstream at the whole structure. (2018)

Photo 2 of 5: ST_2018_NA0011_6_1_20180615_00009.jpg



Right bank upstream view the screw gate, walk way, and gauging station. (2018)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



Left bank upstream view of the diversion weir, wing wall, and hydraulic dissapator. (2018)

* Location

LS: Land Side

WS: Water Side

CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

nitor & Maintain En : Enforcement

Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		06/12/2018 06/12/2018	David Julian

LM Start	0.00	Rating **	N	Issue No.		1 (cont)
LM End	0.00	Issue Type +	Ma	Location *		
Category		& Concrete I	_ined	GPS La	atitu	de/Longitude
Calegory	Channels			Start		End
Item	Photo Documentation			36.9682	21 °	36.968221
item			-120.2555	23 °	-120.255523	
DWR ID DWR_NA0011_6_t _ 2016_1						
		Action/	Comme	nts		

Photo 4 of 5 : ST_2018_NA0011_6_1_20180615_00011.jpg
06 12 2018

Right bank downstream view of the walkway, wing wall, hydraulic dissapator, and rip rap. (2018)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 5 of 5: ST_2018_NA0011_6_1_20180615_00012.jpg



Left bank downstream view of the diversion weir, wing wall, hydraulic dissapator, and rip rap. (2018)

LM Start	0.00	Rating **	М	Issue No.		2	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS La	tituc	le/Longitude	
Category Channels			Start		End		
Item	Vegetation & Obstructions			36.96822	21 °	36.968221°	
пеш				-120.25552	23°	-120.255523°	
DWR ID DWR_NA0011_6_t _ 2016_2							
Action/Comments							

Inspector Comments: Clear trees from the downstream side of structure.

Photo 1 of 1 : ST_2018_NA0011_6_2_20180615_00013.jpg



Trees directly downstream of the diversion weir. (2018)

* Location LS : Land Side WS : Water Side

** Rating

A : Acceptable M : Minimally Acceptable N : Not Inspected/Rated

C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		06/12/2018 06/12/2018	David Julian

LM Start	0.00	Rating **	Α	Issue No.		3
LM End	0.00	Issue Type +	Ma	Location *		
Catagony		& Concrete I	Lined	GPS La	atituc	de/Longitude
Category Channels			Start		End	
Item	Shoaling /	Shoaling / Sedimentation			21 °	36.968221 °
item	item			-120.2555	23 °	-120.255523 °
DWR ID	DWR_NA0	011_6_t _ 2016	_3			
		Action/	Commer (Commer	nts		

No Photos

LM Start	0.00	Rating **	Α	Issue No.		4			
LM End	0.00	Issue Type +	Ma	Location *					
Structures & Concrete Lined				GPS Latitude/Longitude					
Category	Channels			Start		End			
Item	Erosion / Bank Caving				21 °	36.968221	0		
item				-120.2555	23 °	-120.255523	٥		
DWR ID	DWR_NA0	011_6_t _ 2016	_4						
	A stion/Comments								

Action/Comments

Inspector Comments: No erosion present at this location.

LM Start	0.00	Rating **	Α	Issue No.		5	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS Latitude/Longitude			
Category Channels			Start		End		
Item	Revetments				21 °	36.968221°	
пеш				-120.25552	23 °	-120.255523°	
DWR ID	ID DWR_NA0011_6_t _ 2016_5						
Action/Comments							

Inspector Comments: Revetment directly downstream of structure on both banks and in channel.

Photo 1 of 3: ST_2018_NA0011_6_5_20180615_00019.jpg

No Photos



View of revetment in the channel. (2018)

Location LS: Land Side WS: Water Side

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		06/12/2018 06/12/2018	David Julian

LM Start	0.00	Rating **	Α	Issue No.	5 (cont)		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Category Channels			Start		End	
Item	Revetmer	nts		36.96822	21 °	36.968221 °	
пеш				-120.25552	23 °	-120.255523 °	
DWR ID	DWR_NA0	_5					
	Action/Comments						

Inspector Comments: Revetment directly downstream of structure on both banks and in channel.

LM Start	0.00	Rating **	Α	Issue No.	5 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View of revetment in the channel. (2018)

Photo 3 of 3: ST_2018_NA0011_6_5_20180615_00020.jpg



Revetment on the right bank downstream of the structure. (2018)

LM Start	0.00	Rating **	Α	Issue No. 6			
LM End	0.00	Issue Type +	Ma	Location *			
Catagory		s & Concrete I	_ined	GPS La	titud	e/Longitude	
	Channels			Start		End	
Itom	Encroach	ments		36.96822	21 °	36.968221	0
Item				-120.25552	23°	-120.255523	0
DWR ID	DWR_NA0	011_6_t _ 2017	_6				
		Action/	Comme	nte			

Inspector Comments: No trash, debris, excavation or other obstructions.

No Photos

Location LS: Land Side WS: Water Side

A: Acceptable M: Minimally Acceptable

N: Not Inspected/Rated Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		06/12/2018 06/12/2018	David Julian

LM Start	0.00	Rating **	Α	Issue No.	7		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Culverts:	Inlets / Outlets	5	36.96822	1°	36.968221	0
пеш				-120.25552	3°	-120.255523	۰
DWR ID	DWR_NA0	011_6_t _ 2016	_7				
			_				

Inspector Comments: No sediment or debris visible during this inspection.

Action/Comments

No Photos

No Photos

Rating ** Issue No. LM Start 0.00 Α 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Culverts: Breaks / Holes / 36.968221° 36.968221° Item Cracks -120.255523 ° -120.255523° DWR ID DWR_NA0011_6_t _ 2016_8

Action/Comments

Inspector Comments: No damage to culverts visible during this inspection.

LM Start	0.00	Rating **	Α	Issue No.	9		
LM End	0.00	Issue Type +	Ma	Location *			
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude				
				Start		End	
Item	Metal Pipe	es		36.96822	21 °	36.968221	0
пеш				-120.25552	23 °	-120.255523	0
DWR ID	DWR_NA0011_6_t _ 2016_9						
	Action/Comments						

Inspector Comments: No damage visible during this inspection.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		06/12/2018 06/12/2018	David Julian

LM Start	0.00	Rating **	N	Issue No.	10		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Lati	tud	e/Longitude		
Calegory	Channels			Start		End	
Item	Trash Rad	cks		36.96822	1°	36.968221 °	
пеш				-120.255523	3°	-120.255523 °	
DWR ID	DWR_NA0	_10					
	Action/Comments						

Inspector Comments: This structure has no trash racks.

Action/Comments

LM Start	0.00	Rating **	N	Issue No.	11		
LM End	0.00	Issue Type +	Ma	Location *			
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude				
			Start		End		
Item	Flap Gate	S		36.9682	21 °	36.968221 °	
пеш				-120.2555	23 °	-120.255523 °	
DWR ID	DWR_NA0	_11			·		
Action/Comments							

Inspector Comments: There are no flap gates at this structure.

Rating ** Issue No. LM Start 0.00 12 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Sluice/Slide Gates 36.968221° 36.968221° Item -120.255523° -120.255523 ° DWR ID DWR_NA0011_6_t _ 2016_12 Action/Comments

No Photos

No Photos

No Photos

* Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		06/12/2018 06/12/2018	David Julian

LM Start	0.00	Rating **	N	Issue No.	13		
LM End	0.00	Issue Type +	Ма	Location *			
Structures & Concrete Lined			GPS Lati	e/Longitude			
Calegory	Channels			Start		End	
Item	Electric G	ate Operators	;	36.96822	°	36.968221	0
пеш				-120.255523	3°	-120.255523	0
DWR ID	DWR_NA0	DWR_NA0011_6_t _ 2016_13					
		A .: /	_				

Action/Comments

Inspector Comments: There are no electric gates here at this structure.

No Photos

Rating ** Issue No. LM Start 0.00 Α 14 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Manual Gate Operators 36.968221° 36.968221 ° Item -120.255523 ° -120.255523 DWR ID DWR_NA0011_6_t _ 2016_14

Action/Comments

Inspector Comments: The manual control gates here are in good working order.



Manual control gates. (2018) Photo 1 of 2: ST_2018_NA0011_6_15_20180615_00016.jpg

LM Start	0.00	Rating **	Α	Issue No.		15	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS Latitude/Longitude			
Calegory	Channels			Start		End	
Item	Concrete Surfaces			36.96822	21 °	36.968221 °	
item				-120.25552	23 °	-120.255523 °	
DWR ID DWR_NA0011_6_t _ 2016_15							
	Action/Comments						

Inspector Comments: The concrete surface here is in good condition.



Concrete surfaces show no cracks. (2018)

Page 7 of 11

Location LS: Land Side WS: Water Side CR : Crown

A : Acceptable Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		06/12/2018 06/12/2018	David Julian

LM Start	0.00	Rating **	Α	Issue No.		15 (cont)
LM End	0.00	Issue Type +	Ma	Location *		
Catagony	Category Structures & Concrete Lined Channels			GPS Latitude/Longitude		
Calegory				Start		End
Item	Concrete	Surfaces		36.9682	21 °	36.968221 °
пеш				-120.2555	23 °	-120.255523 °
DWR ID	DWR ID DWR_NA0011_6_t _ 2016_15					
		Action/	Comme	nts		

Inspector Comments: The concrete surface here is in good condition.



Concrete surfaces show no cracks. (2018)

0.00	Rating **	Α	Issue No.		16	
0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude			
Channels			Start		End	
Concrete	Tilting / Settle	ment	36.96822	1°	36.968221	0
			-120.25552	3°	-120.255523	۰
DWR_NA0	011_6_t _ 2016	_16				
	0.00 Structures Channels Concrete	0.00 Issue Type + Structures & Concrete I Channels Concrete Tilting / Settle	0.00 Issue Type + Ma Structures & Concrete Lined	0.00 Issue Type + Ma Location * Structures & Concrete Lined Channels Concrete Tilting / Settlement 36.96822 -120.255523	0.00 Issue Type + Ma Location * Structures & Concrete Lined Channels GPS Latitud Concrete Tilting / Settlement 36.968221 ° -120.255523 °	0.00 Issue Type + Ma Location * Structures & Concrete Lined Channels GPS Latitude/Longitude Start End Concrete Tilting / Settlement 36.968221 ° 36.968221 -120.255523 ° -120.255523

Action/Comments

Inspector Comments: There are no concrete tilting/settlement problems here at this site.

No Photos

LM Start	0.00	Rating **	Α	Issue No.	17		_
LM End	0.00	Issue Type +	Ma	Location *			
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude				
			Start		End		
Item	Concrete	Foundations		36.96822	21 °	36.968221	0
пеш				-120.25552	23 °	-120.255523	0
DWR ID	WR ID DWR_NA0011_6_t _ 2016_17						
	Action/Comments						

Inspector Comments: No scouring/ erosion or undermining at or near this structure.

No Photos

* Location LS : Land Side WS : Water Side CR : Crown

* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		06/12/2018 06/12/2018	David Julian

LM Start	0.00	Rating **	N	Issue No.		18
LM End	0.00	Issue Type +	Ma	Location *		
Category Structures & Concrete Lined Channels			_ined	GPS La	atitud	e/Longitude
				Start		End
Item	Security Fencing			36.9682	21 °	36.968221 °
item				-120.2555	23 °	-120.255523 °
DWR ID	DWR_NA0	011_6_t _ 2016	_18			
		Action/	Comme	nts		

No Photos

	LM Start	0.00	Rating **	N	Issue No.		19	
	LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude					
	Channels				Start		End	
	Closure Structures		36.968221 °		36.968221	0		
	пеш				-120.2555	23 °	-120.255523	0
	DWR ID	DWR_NA0	011_6_t _ 2016	_19				
			Action/	Comme	nts			

No Photos

LM Start	0.00	Rating **	N	Issue No.	20		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Trash Ral	ces		36.9682	21 °	36.968221°	
пеш				-120.2555	23 °	-120.255523°	
DWR ID	DWR_NA0011_6_t _ 2016_20						
Action/Comments							

No Photos

* Location LS: Land Side WS: Water Side CR : Crown

Inspector Comments: There is no trash rake at this site.

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		06/12/2018 06/12/2018	David Julian

LM Start	0.00	Rating **	N	Issue No.		21
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS La	atitud	e/Longitude	
Category	Channels			Start		End
ltem	Item Other Metallic Items			36.9682	21°	36.968221 °
item				-120.255523 °		-120.255523 °
DWR ID	DWR_NA0	011_6_t _ 2016	_21			
		Action/	Comme	nts		

No Photos

LM Start	0.00	Rating **	Α	Issue No.	22	
LM End	0.00	Issue Type +	Ma	Location *		
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude			
			Start		End	
Monolith Joints			36.96822	21 °	36.968221 °	
пеш				-120.25552	23°	-120.255523 °
DWR ID DWR_NA0011_6_t _ 2016_22						
Action/Comments						

No Photos

LM Start	0.00	Rating **	Α	Issue No.	23		
LM End	0.00	Issue Type +	Ма	Location *			
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Safety			36.968221°		36.968221	0
пеш		-120.255523 °		-120.255523	0		
DWR ID	DWR_NA0011_6_t _ 2016_23						
Action/Comments							

No Photos

* Location LS: Land Side WS: Water Side

CR : Crown

Inspector Comments: No safety issues present at this location.

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Levee Inspection Report By Mile - Structure 2018

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		06/12/2018 06/12/2018	David Julian

LM Start	0.00	Rating **	Α	Issue No.	24	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
Calegory				Start		End
Item	Operation & Maintenance Manual			36.96822	21 °	36.968221 °
item				-120.255523 °		-120.255523 °
DWR ID	DWR_ID DWR_NA0011_6_t _ 2016_24					
Action/Comments						
Inspector Comments: O+M manual is maintained at the LMA office						

Inspector Comments: O+M manual is maintained at the LMA office.

No Photos

* Location LS: Land Side WS: Water Side CR : Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type